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**U.S. PATENT AND TRADEMARK OFFICE**  
**UTILITY**  
**PATENT APPLICATION**  
**TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	31088-2
First Inventor	Harold L. BENNETT
Title	Improved Process for Production of Low Temperature Char During Production of Low Temperature Tars
Express Mail Label No.	EM 556231794 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  \*Fee Transmittal Form (e.g., PTO/SB/17)  
(submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.

3.  Specification [Total Pages 19]  
(preferred arrangement set forth below)  

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference sequence listing, a table, or a computer program listing appendix or computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 

- a.  Computer Readable Form (CRF)
- b.  Specification Sequence Listing on:
  - CD-ROM or CD-R (2 copies); or
  - paper
- c.  Statements verifying identity of above copies

JC921 U.S. Patent Application  
09/994560  
11/27/01

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 6]  
 Informal  Formal

**ACCOMPANYING APPLICATION PARTS**

5. Oath or Declaration [Total Pages 3]  
 a.  Newly executed (original or copy)

b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

9.  Assignment Papers (cover sheet & document(s))

10.  37 C.F.R. § 3.73(b) Statement (when there is an assignee)  Power of Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: \_\_\_\_\_

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

Name	C. John Brannon Woodard, Emhardt, Naughton, Moriarty and McNett				
Address	Bank One Center/Tower 111 Monument Circle, Suite 3700				
City	Indianapolis	State	IN	Zip Code	46204-5137
Country	USA	Telephone	(317) 634-3456	Fax	(317) 637-7561
Name (Print/Type)	C. John Brannon			Registration No. (Attorney/Agent)	44,557
Signature				Date	November 27, 2001

**Express Mail Label Number** EM 556231794 US**Date of Deposit November 27, 2001**

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR Section 1.10 on the date indicated above and is addressed to the U.S. Patent and Trademark Office, P. O. Box 2327, Arlington, VA 22202 BOX PATENT APPLICATION

Sandra L. Brack  
Signature of person mailing paper or fee

# FEE TRANSMITTAL FOR FY 2002

Patent fees are subject to annual revision.

Total Amount of Payment (\$ 410.00)

## Complete if Known

Application Number	
Filing Date	November 27, 2001
First Named Inventor	Harold L. BENNETT
Group Art Unit	
Examiner Name	

Attorney Docket Number 31088-2

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

23-3030

Deposit Account Number  
Deposit Account Name

Woodard, Emhardt, Naughton, Moriarty &amp; McNett

Charge any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR 1.27.

Payment Enclosed:

Check  Credit Card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility Filing Fee	370
106	330	206	165	Design Filing Fee	
107	510	207	255	Plant Filing Fee	
108	740	208	370	Reissue Filing Fee	
114	160	214	80	Provisional Filing Fee	
SUBTOTAL (1) (\$ 370)					
<b>2. EXTRA CLAIM FEES</b>					
Total Claims	20	-20** =	0	X 9 = 0	
Independent Claims	2	-3** =	0	X 42 = 0	
Multipile Dependent				140 = 0	
Extra Claims					
Fee From Below					
Fee Paid					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$ 0)					
Other Fee (specify) .....					
* Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$ 40)					

\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	C. John Brannon	Registration No. (Attorney/Agent)	44,557	Telephone	(317) 634-3456
Signature				Date	November 27, 2001

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 202031.